

INDUSTRIAL COMPONENT DATA

VS-OE-OE-936-100,0 1416570 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-OE-OE-936-100,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-936-100,0
Catalog number	1416570
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-00DA9F90B1
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Product Overview

Network cable

Network cable, PROFINET CAT5 (100 MBit/s), 4-pole halogen-free, shielded, free cable end, to free cable end, cable length: 100 m, For railway applications

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)
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Additional Product Information

Key Commercial Data

Orderkey 1416570

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 240 (PC-2009)

GTIN 4046356479264

Weight per Piece (excluding packing) 7,527.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 100 m

General data

Number of positions 4

Signal type/category PROFINET CAT5 (IEC 11801:2002), 100 Mbps

Cable

Cable type PROFINET railway applications

Cable type (abbreviation) 936

Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps

Cable structure 1x4xAWG22/7; SF/TQ

Conductor cross section 4x 0.34 mm²

AWG signal line 22

Conductor structure signal line 7x 0.25 mm

Core diameter including insulation 1.95 mm

Wire colors white-blue, orange-yellow

Overall twist Star quad

Shielding Plastic-coated aluminum foil, tinned copper braided shield

Optical shield covering 100 %

External sheath, color black RAL 9005

Outer sheath thickness ≥ 0.8 mm

External cable diameter D 7.25 mm ± 0.3 mm

Minimum bending radius, fixed installation 6 x D

Minimum bending radius, flexible installation 10 x D

Cable weight 81 g/m

Outer sheath, material PE-X

Material conductor insulation PE-X

Conductor material silver-plated Cu litz wires

Conductor resistance ≤ 54.4 Ω /km

Working capacitance ≤ 65 pF (core-core)

≤ 100 pF (core-shield)

Wave impedance 100 $\Omega \pm 5 \Omega$ (f = 100 MHz)

Near end crosstalk attenuation (NEXT) 80 dB (with 1 MHz)

76 dB (at 4 Ω Hz)

67 dB (at 10 MHz)

60 dB (at 31.5 Ω Hz)

56 dB (at 62.5 Ω Hz)

53 dB (at 100 MHz)

Remote crosstal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-936-100,0 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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